

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040427 A3

(51) International Patent Classification⁷: **C12Q 1/68**

(21) International Application Number:
PCT/US2004/030699

(22) International Filing Date:
17 September 2004 (17.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/504,307 19 September 2003 (19.09.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
29 December 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **INVERSION ON CHROMOSOME 8P23 IS A RISK FACTOR FOR ANXIETY DISORDERS, DEPRESSION AND BIPOLAR**

(57) Abstract: An association between psychiatric disorders and disorders comorbid with psychiatric disorders, and genetic markers in the 8p23 genomic region is described. Markers are also provided to diagnose or detect a susceptibility to disorders comorbid with panic disorder and independently of comorbidity with panic disorder. Methods and surrogate markers for detecting the orientation of the Inv8p23 inversion fragment, thereby diagnosing psychiatric disorders or comorbid disorders or a susceptibility to psychiatric disorders or comorbid disorders, are also disclosed. The methods described herein are also useful for determining responsiveness of drugs useful for treating psychiatric disorders.



WO 2005/040427 A3